



BARCELONALED ILUMINACION S.L.
BARCELONA, SPAIN
TEL:+34 93 241 80 81
www.barcelonaed.com

Spectral test report for lamp

Product type : TIRALED
Product No. : BLSCOB-24V12W-SIDE-IC-IP20-RGB (R)
Manufacturer : BARCELONALED

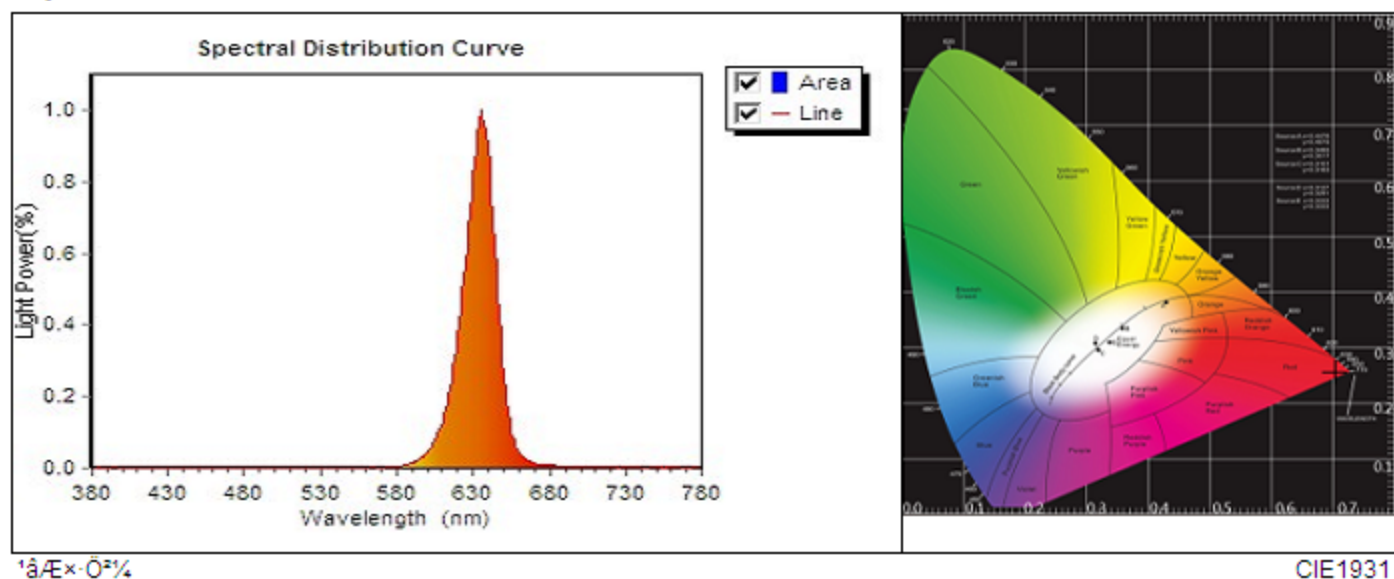
Test date. : 2024-08-01
Test equipment : SPEC2000A Spectrometer
Operator. : SEBASTIAN

Test Condition

Temperature : 25.0Deg C
Test range : 380nm-780nm

Humidity : 65%
Peak AD. : 48476 (74.0%)
Integral time. : 151ms

Spectral Parameter



CIE Color Parameter

Chromaticity coordinates: $x=0.6941$ $y=0.3016$ $u=0.5307$ $v=0.3459$ ($duv=-0.0831$)
Color temperature: $TC=1000$ K Color difference: $SDCM=193.6$ Main Wavelength: $\lambda_d=493.96$ nm Purity: $Purity=0.632$
Peak wavelength: $\lambda_p=635.9$ nm FWHM: $\lambda_p=22.6$ nm Color ratio: $R=95.30\%$ $G=4.62\%$ $B=0.08\%$

Color rendering index (Ra): $Ra=32.1$

$R1=24.0$ $R2=84.3$ $R3=45.1$ $R4=2.1$ $R5=25.3$ $R6=95.2$ $R7=20.7$ $R8=-39.9$
 $R9=-171.4$ $R10=81.4$ $R11=19.7$ $R12=70.6$ $R13=52.4$ $R14=68.7$ $R15=-11.2$

Optical Parameter

Luminous flux: 246.125 lm luminous efficiency: lm/w Radiant flux: 1.4468 W

Electrical Parameter

Voltage: 0.0 V Current: 0.000 A Watto: 0.00 W Power factor: 0.000

MEASUREFINE

Hangzhou Huipu Instrument Co., Ltd. <http://www.measurefine.com>